

#7

RESPONSE - NOTICE  
OF MISSING PARTS

PATENT

File No.: A33723-070050.1407

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

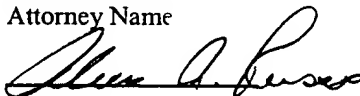
In re Application of : Pang et al.  
Serial No. : 09/911,821  
Filed : July 24, 2001  
For : A COMPUTATIONAL METHOD FOR PREDICTING  
INTRAMOLECULAR AND INTERMOLECULAR BIOPOLYMER  
INTERACTIONS

RESPONSE TO NOTICE TO FILE MISSING  
PARTS OF APPLICATION UNDER 37 C.F.R. 1.53(b)

CERTIFICATE OF MAIL

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on September 20, 2001.

Alicia A. Russo  
Attorney Name

  
Signature

46,192  
Registration No.

September 20, 2001  
Date of Signature

Assistant Commissioner for Patents  
Box Missing Parts  
Washington, DC 20231

Sir:

Responsive to the Notice to File Missing Parts of Application Under 37 C.F.R. 1.53(b), enclosed herewith is a Declaration referring to the above-identified application by one or more of the following in compliance with 37 C.F.R. 1.63:

- ☒ [X] Name of inventor and application serial number;
- ☒ [X] Name of inventor, attorney docket number which was on the application as filed, and filing date of the application;
- ☒ [X] Name of inventor, title of invention and filing date;

- ☐ Name of inventor, title of invention and reference to a specification which is attached to the oath or declaration at the time of execution and filed with the oath or declaration;
- ☐ Name of inventor, title of invention. As presently advised, the undersigned, a registered attorney, states that the application filed in the PTO is the application which the inventor executed by signing the oath or declaration.

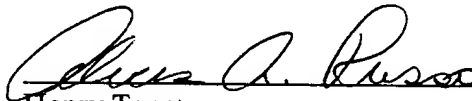
Also enclosed are:

1. ☒ A check in the amount of \$ 65.00  
☐ \$130 - Other than Small Entity  
☒ \$ 65 - Small Entity  
representing payment of the surcharge  
due for late filing of the Declaration  
pursuant to 37 C.F.R. 1.16(e);
2. ☐ An extension of time to file the Response  
to Missing Parts is respectfully requested.  
The required fee, calculated pursuant to  
1.136(a), is enclosed in the amount of \$ \_
3. ☐ Other \_ \$ \_

TOTAL FEE \$ 65.00

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication to Deposit Account No. 02-4377. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



Henry Tang  
Patent Office Reg. No. 29,705

Alicia A. Russo  
Patent Office Reg. No. 46,192

Attorneys for Applicant  
(212) 408-2627

encl.



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/911,821	07/24/2001	Phillip S. Pang	A33723 / 070050.1407

CONFIRMATION NO. 6323

## FORMALITIES LETTER



\*OC000000006403805\*

BAKER BOTTS LLP  
44TH FLOOR  
30 ROCKEFELLER PLAZA  
NEW YORK, NY 10112-0228

Date Mailed: 08/09/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.
- This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

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*A copy of this notice MUST be returned with the reply.*



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Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

September 26, 2001

Alicia A. Russo  
(212)408-2627  
FAX (212)705-5020  
alicia.russo@bakerbotts.com

Ms. Laura Amos  
Columbia Innovation Enterprise  
Columbia University  
PH 1535 East  
630 West 168<sup>th</sup> Street  
New York, New York 10032

Re: U.S. Patent Application of Pang et al. for "A COMPUTATIONAL  
METHOD FOR PREDICTING INTRAMOLECULAR AND  
INTERMOLECULAR BIOPOLYMER INTERACTIONS"  
Your File No.: 1106  
Our File No.: A33723 / 070050.1407

Dear Ms. Amos:

Enclosed please find copies of the Response to the Notice to File Missing Parts' the Combined Declaration and Power of Attorney, and Assignment, for the above-identified application that were filed Thursday, September 20, 2001 in the U.S. Patent and Trademark Office.

Sincerely,





Alicia A. Russo

Enclosure

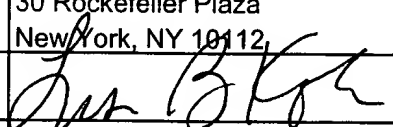
cc: Henry Tang, Esq.  
Augustine V. Cheng, Esq.  
Michael J. Cleare, Ph.D.  
Ofra Weinberger  
Wanda Velez  
Phillip Pang

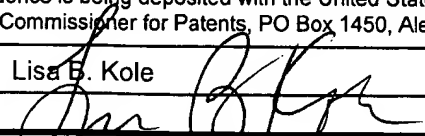
# BAKER BOTTS LLP

Please type a plus sign (+) inside this box → 

 <b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/911,821
	Filing Date	July 24, 2001
	First Named Inventor	Sang et al. <b>RECEIVED</b>
	Group Art Unit	2857 JUL 29 2004
	Examiner Name	To Be Assigned <b>OFFICE OF PATENT</b>
Total Number of Pages in This Submission	Attorney Docket Number	A33723 070050.1407

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  see below
Remarks <input checked="" type="checkbox"/> Exhibits A-E, Amendment and submission of sequence listing, Sequence listing, diskette, copy of Notice of Abandonment, return receipt postcard		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	BakerBotts LLP 30 Rockefeller Plaza New York, NY 10112	
Signature		Att Name: Lisa B. Kole PTO Reg: 35,225
Date	July 22, 2004	

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on this date: July 22, 2004		
Typed or printed name	Lisa B. Kole	
Signature		Date July 22, 2004

# BAKER BOTTS LLP

## FREE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**650**

### Complete if Known

Application Number 09/911,821

Filing Date July 24, 2001

First Named Inventor Sang et al.

Examiner Name To Be Assigned

Art Unit 2857

Attorney Docket No. A33723 070050.1407

### METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit  
Account  
Number  
Deposit  
Account  
Name

02-4377

Baker Botts LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee required under 37CFR 1.16 and 1.17

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) <b>0</b>

#### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below	Fee Paid
Total Claims	<input type="text"/>	- 20 =	<input type="text"/>	X	<input type="text"/>
Independent Claims	<input type="text"/>	- 3 =	<input type="text"/>	X	<input type="text"/>
Multiple Dependent					

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

\*\*or number previously paid, if greater; For Reissues, see above

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	650
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**650**

### SUBMITTED BY

Name (Print/Type)

Lisa B. Kole

Registration No.  
(Attorney/Agent)

35,225

(Complete if applicable)

Telephone 212-408-2500

Signature

Date

July 22, 2004

Title: A COMPUTATIONAL METHOD FOR PREDICTING INTRAMOLECULAR AND  
INTERMOLECULAR BIOPOLYMER INTERACTIONS

Use Space Below for Additional Information: